

CLAIM AMENDMENTS

IN THE CLAIMS

This listing of the claims will replace all prior versions, and listing, of claims in the application or previous response to office action:

1. (Currently Amended) A fuel injection valve for an injection system for an internal combustion engine, said valve comprising:
a valve body having a valve body seat, and
a valve needle having a valve needle seat guided over a guide length (L) in the valve body within a stationary circular guiding surface for controlling a spray orifice, wherein the valve body includes a reservoir in the shape of an annular groove, said reservoir arranged coaxially to the guiding surface **and separated from the guiding surface of the valve body by a cylinder-shaped wall section, wherein the wall section elastically deforms under pressure.**
2. (Cancelled)
3. (Original) A valve in accordance with Claim 1, wherein the reservoir has a depth (T) of at least one fifth of the guide length (L).
4. (Original) A valve in accordance with Claim 1, further comprising a hydraulic connection between a fuel inlet of a pressure chamber in the valve body and the reservoir.
5. (Original) A valve in accordance with Claim 1, wherein the reservoir has a thickness (D_N) of at least one fifth of the diameter of the guiding surface.
6. (Currently Amended) A valve in accordance with Claim ~~1~~ **2**, wherein the wall section has a thickness (D_W), the reservoir has a thickness (D_N), and (D_W) and (D_N) are approximately equal.

7. (Currently Amended) A valve in accordance with Claim 1 ~~2~~, wherein the wall section is hollow.

8. (Original) A valve in accordance with Claim 1, wherein the fuel injection system is a high-pressure accumulator injection system.

9. (Original) A valve in accordance with Claim 1, wherein the reservoir is a high pressure reservoir.

10. (Original) A valve in accordance with Claim 4, wherein the connection is adapted to maintain pressure in the reservoir.

11. (Original) A valve in accordance with Claim 1, wherein the reservoir has a depth (T) of up to about half the guide length (L).

12. (Cancelled)

13. (Currently Amended) A valve in accordance with Claim 1, wherein the diameter of the guiding surface ~~valve needle guide~~ is about 3 mm to about 4 mm.

14. (Original) A valve in accordance with Claim 6, wherein the thickness (D_w) is approximately 1 mm.

15. (Original) A valve in accordance with Claim 6, wherein the thickness of the reservoir is approximately 1 mm.

16. (Original) A valve in accordance with Claim 1, wherein the reservoir has a depth (T) of about 5 mm.

17. (New) A fuel injection valve for an injection system for an internal combustion engine, said valve comprising:
- a valve body having a valve body seat,
 - a valve needle having a valve needle seat guided over a guide length (L) in the valve body within a stationary circular guiding surface for controlling a spray orifice, wherein the valve body includes a reservoir in the shape of an annular groove, said reservoir arranged coaxially to the guiding surface and having a depth (T) of about half the guide length (L).
18. (New) A valve in accordance with Claim 17, wherein the reservoir has a thickness (D_N) of at least one fifth of the diameter of the guiding surface.
19. (New) A valve in accordance with Claim 17, wherein the reservoir is separated from the guiding surface of the valve body by a cylinder-shaped wall section having a thickness (D_W), the reservoir has a thickness (D_N), and (D_W) and (D_N) are approximately equal.
20. (New) A valve in accordance with Claim 19, wherein the thickness (D_W) is approximately 1 mm.
21. (New) A valve in accordance with Claim 19, wherein the thickness of the reservoir is approximately 1 mm.
22. (New) A valve in accordance with Claim 17, wherein the reservoir has a depth (T) of about 5 mm.